



Residential Wall Switch Sensors

Occupancy Sensor for Incandescent and CFL Lighting

KEY FEATURES

- Auto-on/auto-off operation
- Zero Arc Point Switching
- No minimum load requirement
- Adjustable time delay and sensitivity
- Built-in photocell for daylight control
- Walk test indicator
- 900 square-foot, 180° coverage area
- UL and cUL listed
- California Title 24 compliant
- Five-year warranty



RWSVSCFL120

OVERVIEW

Hubbell Building Automation’s Residential Occupancy Sensor for Incandescent and CFL Lighting uses automatic-on passive infrared (PIR) technology for excellent energy savings and reliable motion detection. The sensor’s low-profile housing design provides the perfect wall switch for residential areas, such as home offices, bathrooms, garages, laundry rooms, utility rooms, and dining rooms. When a person enters the sensor’s field of view, it automatically turns on available lighting. After a specific period of vacancy, the sensor automatically turns off lighting.

FEATURES and BENEFITS

Features

Benefits

Zero Arc Point Switching (Patent #5,821,642)

• Minimizes relay-contact wear from high inrush loads

No minimum load requirement

• Lighting load support: 0–full load

Adjustable time delay and sensitivity

• You can set the time delay and sensitivity based on your personal preferences

Built-in photocell

• Increases energy savings by preventing lights from turning on when there is sufficient natural light

Walk test indicator

• A blinking light indicates the sensor is working

APPLICATIONS

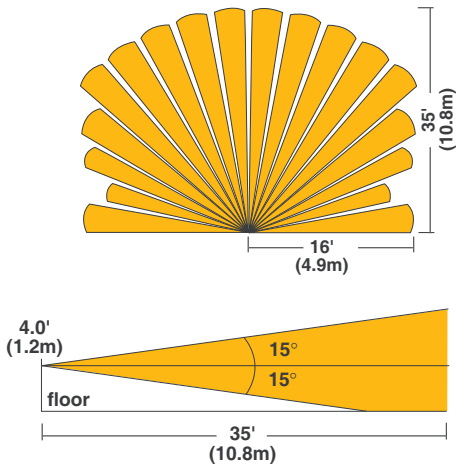
- Home offices
- Bathrooms
- Garages
- Laundry and utility rooms

SPECIFICATIONS

Timer timeout	<ul style="list-style-type: none"> Fully adjustable: 30 seconds–30 minutes
Sensitivity	<ul style="list-style-type: none"> Fully adjustable: 20%–100%
Passive infrared (PIR)	<ul style="list-style-type: none"> Multi-segment infrared (IR) Fresnel lens
Photocell	<ul style="list-style-type: none"> Natural light override range: 5–200 foot-candles (50–2000 lux)
Coverage	<ul style="list-style-type: none"> 900 square-foot, 180° coverage area
Power requirements	<ul style="list-style-type: none"> 120 VAC; 60 Hz
Electrical ratings	<ul style="list-style-type: none"> 120 VAC: 800W Incandescent; 1,000W Fluorescent
Load requirements	<ul style="list-style-type: none"> None
Operating environment	<ul style="list-style-type: none"> Indoor use only Operating temperature: 32°–122°F (0°–50°C) Relative humidity (non-condensing): 0%–95%
Construction	<ul style="list-style-type: none"> Casing—high-impact injection-molded plastic Color-coded leads are 6" long
Size and weight	<ul style="list-style-type: none"> Size: 4.5" x 2.75" x 1.625" Weight: 2.9 oz
Color	<ul style="list-style-type: none"> Ivory; White
Mounting	<ul style="list-style-type: none"> Single-gang NEMA-style switch box (average switch box) Decorator-style wall plate included
Certifications	<ul style="list-style-type: none"> UL and cUL listed
Warranty	<ul style="list-style-type: none"> Five years

ORDERING INFORMATION

Catalog Number	Description	Color	Coverage
RWSOSCFLI20IV	Residential Occupancy Sensor for Incandescent and CFL Lighting, 120VAC	Ivory	900 sq. ft.
RWSOSCFLI20WH	Residential Occupancy Sensor for Incandescent and CFL Lighting, 120VAC	White	900 sq. ft.



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